

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021920\
 Data File : VV014610.D
 Acq On : 19 Feb 2020 16:36
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020705

Quant Time: Feb 20 01:55:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 20 01:51:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	274948	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255746	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	129366	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	196144	12.26	ug/L	0.00
7) Chloroethane-d5	1.58	69	141239	11.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	376767	14.98	ug/L	0.00
20) 2-Butanone-d5	3.93	46	478115	125.73	ug/L	0.00
24) Chloroform-d	4.39	84	597935	17.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	316773	18.68	ug/L	0.00
32) Benzene-d6	5.09	84	1331856	17.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	375813	16.74	ug/L	0.00
41) Toluene-d8	7.35	98	1276150	18.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	170807	18.40	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	579778	165.82	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	277757	18.03	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	447906	19.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	517311	22.988 ug/L	99
3) Chloromethane	1.25	50	211827	11.212 ug/L	100
5) Vinyl chloride	1.32	62	233012	13.169 ug/L	97
6) Bromomethane	1.53	94	134945	13.570 ug/L	100
8) Chloroethane	1.60	64	111737	12.154 ug/L	99
9) Trichlorofluoromethane	1.76	101	469503	20.071 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	190633	15.814 ug/L	99
12) 1,1-Dichloroethene	2.13	96	172458	15.433 ug/L	94
13) Acetone	2.20	43	245299	96.140 ug/L	93
14) Carbon disulfide	2.31	76	979521	17.532 ug/L	99
15) Methyl Acetate	2.46	43	87157	15.767 ug/L	92
16) Methylene chloride	2.53	84	327127	14.209 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	769219	19.016 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	357980	19.326 ug/L	98
19) 1,1-Dichloroethane	3.22	63	597710	17.697 ug/L	98
21) 2-Butanone	4.02	43	536901	133.985 ug/L	92
22) cis-1,2-Dichloroethene	3.95	96	385503	19.687 ug/L	# 96
23) Bromochloromethane	4.29	128	158971	21.032 ug/L	97
25) Chloroform	4.42	83	731842	20.790 ug/L	99
27) 1,2-Dichloroethane	5.17	62	378295	19.994 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	621429	20.862 ug/L	99
30) Cyclohexane	4.72	56	565103	16.269 ug/L	98
31) Carbon tetrachloride	4.87	117	557481	21.523 ug/L	100
33) Benzene	5.14	78	1398030	18.362 ug/L	100
34) Trichloroethene	5.95	95	389840	19.484 ug/L	97
35) Methylcyclohexane	6.17	83	653933	18.683 ug/L	99
37) 1,2-Dichloropropane	6.21	63	317137	17.363 ug/L	98
38) Bromodichloromethane	6.55	83	471947	19.901 ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	557911	19.138 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1617834	152.068 ug/L	98

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42) Toluene	7.42	91	1520281	18.580	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	438318	19.468	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	240741	20.045	ug/L	97
47) Tetrachloroethene	8.01	164	312950	22.033	ug/L	100
48) 2-Hexanone	8.18	43	1148181	157.513	ug/L	100
49) Dibromochloromethane	8.29	129	324158	21.641	ug/L	95
50) 1,2-Dibromoethane	8.39	107	237306	21.265	ug/L	94
51) Chlorobenzene	8.92	112	997160	19.734	ug/L	99
52) Ethylbenzene	9.05	91	1741340	18.960	ug/L	99
53) m,p-xylene	9.18	106	673840	19.700	ug/L	100
54) o-xylene	9.58	106	645353	19.515	ug/L	95
55) Styrene	9.60	104	1071368	19.545	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.28	83	275488	18.924	ug/L	98
59) Bromoform	9.77	173	170938	21.457	ug/L	97
60) Isopropylbenzene	9.97	105	1723933	18.234	ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	198339	17.593	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	1489783	18.725	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	1473146	18.620	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	788496	19.724	ug/L	97
65) 1,4-Dichlorobenzene	11.31	146	790547	19.451	ug/L	100
67) 1,2-Dichlorobenzene	11.68	146	709837	19.825	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	46593	16.396	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.69	180	610461	20.735	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	524806	21.106	ug/L	99
71) Naphthalene	13.54	128	925038	20.487	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	455685	21.188	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

